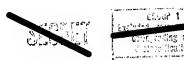
Approved For Release 2000/08/2 CIA-RDP78-02820A000900010097-5 UNITED STATES GOVERNMENT Memorandum25X1A5a1 DATE: 29 March 1963 The Files: TO25X1A9a FROM 25X1A5a1 SUBJECT: Conference Report - MAX-1 with Project Description: MAX-1 is a fully automatic, electronic, solid-state stored program store and forward message switching system. The system is to replace an existing teletype torn tape relay station and shall route traffic in accordance with ACP-127. 2. Contractual Information: 25X1A5a1 a. Initial Cost: b. Initiation Date: 1 March 1963 c. Completion Date: 1 March 1964 Deliverable Items: MAX-1 Switch 3. Date of Meeting: 20, 21, 22 March 1963 25X1A6d Washington, D. C. 4. Place of Meeting: 5. Persons Attending: Non-Agency Agency Mr. Mr. Mr. Mr. Mr. 25X1A5a1 Mr. Mr. Mr. Mr. 25X1A9a Mr. Mr. Mr.

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6. Contractor's Performance:

- a. On Schedule and expected to remain so: Yes
- b. Within Obligated Funds and expected to remain so: Yes
- c. Satisfactory Technical Progress: Yes



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7. Project Status:

A review of the MAX-1 Specification No. 62-A-1161-A was made point by point and the following understandings were reached:

- 101 ACP-127 (c), supplements one and two were established as the applicable documents and copies were supplied to the contractor.
- 201.1 80 FDX lines rather than 52 FDX will be the design goal.
- 201.2.1 Between 30 FDX lines and 64 FDX lines is a point requiring more core and disc storage. The contractor will identify this point.
- 202.4 The contractor proposed a plan where the two disc files would be run from one processor. We asked that the system be full dual with each processor operating its own disc file.
- 302 Delete "as soon as a complete message heading is received", see 303.
- 302.2 Average five minutes, but could be as high as 30 minutes.
- 303.3 This item was discussed in detail and we will delete the 106 wpm if they can hold synchronism with the KW 26 in 5-7 mode.
- 401, 402 Circuit and system status information will be printed out upon request with columns showing alarms, outages, precedence, etc.
- 406.2.2 In the contractor's proposal they said for "incoming" only. They will also study the "outgoing" problem too.
- 501.2 Instead of system IN number use, MAX's DTG.
- 503 Where it says "specified type" we will supply as listing on 9 April 1963.



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- 601 Change ACP-127 (b) to ACP-127 (c).
- 604.1 We may drop the two minute requirement as we haven't developed the function box arrangement for the far end station.
- 607 They will provide for the code conversion; however, it would be helpful if we can tell them what code.
- 702 Change "paragraph 905" to TRAFFIC ROUTING SECURITY notes, "see attached."
- 703 Delete as no longer required.
- 707 Contractor will supply the names by 9 April 1963 of the people requiring T.S. crypto clearance.
- 801.1 Much discussion on training of operators whether to have one or two courses. The contractor will supply whichever we decide; the contractor recommends the attached REASONING test to be used as an entrance requirement.
- 805 There will also be an Operational Test in Cedar Rapids, Iowa, before the machine is shipped. We are to supply the Government Furnished Equipment, Teletype and KW 26's for the test.
- 806 The contractor submitted a new PERT chart showing an overally speed-up of program. See attached.
- 807 SPARE PARTS SHIPMENT. Three weeks will be necessary to ship spare parts to the site. The contractor will ship the parts upon notification of part failure. We will also ship, at this time, the defective part to them. We will let them know what the shipping channel will be.
- 901.1 The contractor submitted a new floor plan. See attached.
- 901.2 Change "20% voltage drop" to "10% voltage drop."
- 902.3.1 "Module change" will mean the addition of a card holder.
- 902.3.2 Change .020 ampere to .030 ampere and change 300 VDC to 130 VDC.



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902.3.3 - Change 48% to 30%.

904.1 - Add after 220 groups and heading of about 50 groups.

In addition to the Specification, the contractor referred

904.2 - Add maximum heading of 400 groups.

904.3 - Change 1.5:1 to 1:1.5.

and Analysis, Recommended Tools and Test Equipment page 2, Type 879P-2 Static Card Test Set, \$10,200.00. This 25X1A5a1

to their letter of 12 January 1963, enclosure (c) Quotation item is no longer recommended as it will not test but half the cards in our processor. They have the card testing pro-

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blem under study. Arrangements also were made to have attend a five weeks programming school starting 6 May 1963. The next meeting was set for Newport Beach, California on 9 April 1963, and power and air conditioning people will meet here in Washington on 15 April 1963.

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